

ABSTRACT

A coated substrate for immobilizing a biological substance etc. at high density with low background value. The substrate has a cross-linking reagent represented by general formula A-L-B (wherein, A and B represent an identical or different group which reacts with an active group of the coupling agent comprising an active group, selected from an active ester group, isothiocyanate group, isocyanate group, imidazole group, carbodiimide group or aldehyde group, and wherein L is a linking group linking A and B, selected from a straight chain alkyl group, aryl group, allyl group or alkyl group having an amide group) bound thereonto by means of a coupling agent comprising an active group. An biological substance or the like is immobilized on the substrate.